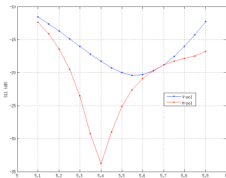
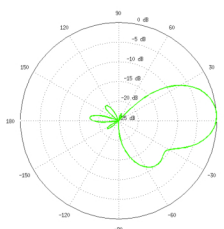
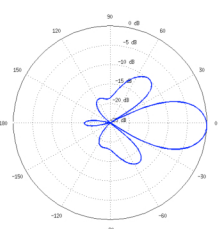
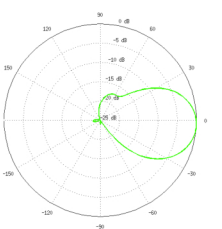
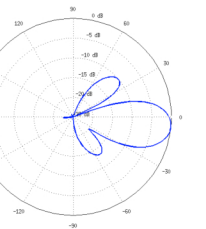


TP-LoCoM5

TECHNICAL SPECS/DATASHEET



Processor Specs		SYSTEM INFORMATION		Atheros MIPS 24KC, 400MHz			
Memory Information				32MB SDRAM, 8MB Flash			
Networking Interface				1 X 10/100 BASE-TX (Cat. 5, RJ-45) Ethernet Interface			
REGULATORY / COMPLIANCE INFORMATION							
Wireless Approvals				FCC Part 15.247, IC RS210, CE			
RoHS Compliance				YES			
OPERATING FREQUENCY 5470MHz-5825MHz							
5GHz TX POWER SPECIFICATIONS				5GHz RX SPECIFICATIONS			
11a	DataRate	Avg. TX	Tolerance	11a	DataRate	Sensitivity	Tolerance
	1-24Mbps	23 dBm	+/-2dB		24Mbps	-83 dBm	+/-2dB
	36Mbps	21 dBm	+/-2dB		36Mbps	-80 dBm	+/-2dB
	48Mbps	19 dBm	+/-2dB		48Mbps	-77 dBm	+/-2dB
	54Mbps	18 dBm	+/-2dB		54Mbps	-75 dBm	+/-2dB
5GHz 11n / AirMax	MCS0	23 dBm	+/-2dB	5GHz 11n / AirMax	MCS0	-96 dBm	+/-2dB
	MCS1	23 dBm	+/-2dB		MCS1	-95 dBm	+/-2dB
	MCS2	23 dBm	+/-2dB		MCS2	-92 dBm	+/-2dB
	MCS3	23 dBm	+/-2dB		MCS3	-90 dBm	+/-2dB
	MCS4	22 dBm	+/-2dB		MCS4	-86 dBm	+/-2dB
	MCS5	20 dBm	+/-2dB		MCS5	-83 dBm	+/-2dB
	MCS6	18 dBm	+/-2dB		MCS6	-77 dBm	+/-2dB
	MCS7	17 dBm	+/-2dB		MCS7	-74 dBm	+/-2dB
	MCS8	23 dBm	+/-2dB		MCS8	-95 dBm	+/-2dB
	MCS9	23 dBm	+/-2dB		MCS9	-93 dBm	+/-2dB
	MCS10	23 dBm	+/-2dB		MCS10	-90 dBm	+/-2dB
	MCS11	23 dBm	+/-2dB		MCS11	-87 dBm	+/-2dB
	MCS12	22 dBm	+/-2dB		MCS12	-84 dBm	+/-2dB
	MCS13	20 dBm	+/-2dB		MCS13	-79 dBm	+/-2dB
	MCS14	18 dBm	+/-2dB		MCS14	-78 dBm	+/-2dB
MCS15	17 dBm	+/-2dB	MCS15	-75 dBm	+/-2dB		
PHYSICAL / ELECTRICAL / ENVIRONMENTAL							
Enclosure Size				163 x 31 x80			
Weight				0.18kg			
Enclosure Characteristics				Outdoor UV Stabalized Plastic			
Mounting Kit				Pole Mounting Kit included			
Max Power Consumption				5.5 Watts			
Power Supply				24V, 0.5A surge portection integrated POE adapter included			
Power Method				Passive Power over Ethernet (pairs 4,5+; 7,8 return)			
Operating Temperature				-30C to +80C			
Operating Humidity				5 to 95% Condensing			
Shock and Vibration				ETSI300-019-1.4			
INTEGRATED 2x2 MIMO ANTENNA							
Frequency Range		4.9-6.0 GHz		Max VSWR		1.4:1	
Gain		13 dBi		H-pol Beamwidth		45 deg.	
Polarization		Dual Linear		V-pol Beamwidth		45 deg.	
Cross-pol Isolation		20dB minimum		Elevation Beamwidth		45 deg.	
    							
VSWR		H-Pol Azimuth		H-Pol Elevation		V-Pol Azimuth	
						V-Pol Elevation	